

GenCore version 5.1.3  
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OM nucleic - nucleic search, using sw model

Run on: March 30, 2003, 02:49:33 ; Search time 25.5808 Seconds

(without alignments)  
8283.243 Million cell updates/sec

Title: US-09-988-971-1\_COPY\_694\_942

Perfect score: 249

Sequence: 1 tggcctgtagagggcctgag.....aggccctggtgagcattac 249

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 574371 seqs, 425486471 residues

Total number of hits satisfying chosen parameters: 1148742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :  
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11: /cgnt2\_6/ptodata/1/pubpna/US10\_NEW\_PUB.seq:\*  
12: /cgnt2\_6/ptodata/1/pubpna/US10\_PUBCOMB.seq:\*  
13: /cgnt2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*  
14: /cgnt2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	199	79.9	763	10	US-09-867-550-953
2	100.2	40.2	2015	10	US-09-954-456-1983
3	96	38.6	444	10	US-09-867-550-951
4	89	35.7	1911	10	US-09-917-8004-1611
5	87.6	35.2	2354	10	US-09-967-7684-300
6	83	33.3	875	10	US-09-867-550-951
7	80.4	32.3	2665	10	US-09-954-456-499
8	80.4	31.5	3756	12	US-10-002-600-91
9	78.4	31.5	2451	10	US-09-771-161A-4
10	73	29.3	1609	10	US-09-771-161A-30
11	73	29.3	1995	10	US-09-771-161A-31
12	58.2	23.4	486	9	US-09-796-692-7419
13	47	18.9	761	10	US-09-910-943-616
14	35.4	14.2	920	9	US-09-866-480-127
15	34	13.7	2770	9	US-09-977-260-5
16	34	13.7	2770	9	US-09-977-261-5
17	34	13.7	2770	10	US-09-977-269-5
18	34	13.7	2863	10	US-09-954-456-1631
19	34	13.7	7607	10	US-09-982-610-19

20	34	13.7	13872	9	US-09-764-868-1282	Sequence 1282, App
21	32	12.9	285	10	US-09-867-701-5885	Sequence 5885, App
22	31	12.4	366	10	US-09-560-863-40	Sequence 40, App1
23	31	12.4	18400	10	US-09-901-151-3	Sequence 3, App1
24	31	12.4	30365	10	US-09-825-414-1	Sequence 1, App1
25	30.8	12.4	1525	10	US-09-925-297-226	Sequence 226, App
26	30.6	12.3	2888	9	US-09-822-846-209	Sequence 209, App
27	30.4	12.2	17849	9	US-10-092-154-1315	Sequence 1315, App
28	30.4	12.2	17849	10	US-09-764-847-1315	Sequence 1315, App
29	30.4	12.2	17862	10	US-10-092-154-1313	Sequence 1313, App
30	30.4	12.2	17862	10	US-09-764-847-1313	Sequence 1313, App
31	30.2	12.1	1725	9	US-10-103-196-7	Sequence 7, App1
32	30.2	12.1	1749	9	US-10-103-196-13	Sequence 13, App1
33	30	12.0	1646	9	US-10-016-634A-94	Sequence 94, App1
34	29.8	12.0	1058	10	US-09-880-107-2180	Sequence 2180, App
35	29.8	12.0	1425	9	US-10-102-806-149	Sequence 149, App
36	29.8	12.0	23822	10	US-09-964-824A-572	Sequence 572, App
37	29.6	11.9	596	9	US-10-025-380-931	Sequence 931, App
38	29.6	11.9	596	10	US-09-922-217-931	Sequence 931, App
39	29.6	11.9	596	10	US-09-833-263-931	Sequence 931, App
40	29.6	11.9	1668	10	US-09-925-301-208	Sequence 208, App
41	29.6	11.9	1834	10	US-09-948-094-1	Sequence 1, App1
42	29.6	11.9	1834	10	US-09-880-107-2214	Sequence 2214, App
43	29.6	11.9	1834	10	US-09-967-768A-141	Sequence 141, App
44	29.4	11.8	900	9	US-10-101-464A-282	Sequence 282, App
45	29.4	11.8	1967	10	US-09-838-529-3	Sequence 3, App1

## ALIGNMENTS

RESULT 1	US-09-867-550-953	
Sequence 953, Application US/09867550		
Patent No. US2002008206A1		
GENERAL INFORMATION:		
APPLICANT: Leach, Martin D.		
APPLICANT: Mehraban, Fud.		
APPLICANT: Conley, Pamela		
APPLICANT: Law, Debbie		
APPLICANT: Topper, James		
TITLE OF INVENTION: No. US2002008206A1el Polynucleotides from Atherogenic Cells and		
FILE REFERENCE: 21402-013 (Cura-313)		
CURRENT APPLICATION NUMBER: US/09/867,550		
CURRENT FILING DATE: 2001-09-20		
PRIOR APPLICATION NUMBER: USN 60/208,427		
PRIOR FILING DATE: 2000-05-30		
NUMBER OF SEQ ID NOS: 2125		
SOFTWARE: FastSeq for Windows Version 4.0		
SEQ ID NO 953		
LENGTH: 763		
TYPE: DNA		
ORGANISM: Homo sapiens		
US-09-867-550-953		
Query Match	79.9%:	Score 199; DB 10; Length 763;
Best Local Similarity	100.0%:	Pred. NO. 5.7e-55;
Matches 199; Conservative 0;	Mismatches 0;	Indels 0; Gaps 0;
QY 1 TGGCTGTATGAGGCGCTGAGGAGGAGAAAGACAGAGAACTGCTGTTTACTCTGGAGAC 60		
DB 565 TGGCTGTATGAGGCGCTGAGGAGGAGAAAGACAGAGAACTGCTGTTTACTCTGGAGAC 624		
QY 61 CTTGAGGAGGCGCTGCTGATCCGAGAGACGAGACGAGAGAGGCTTACTCTGTCGA 120		
DB 625 CTTGAGGAGGCGCTGCTGATCCGAGAGACGAGACGAGAGAGGCTTACTCTGTCGA 664		
QY 121 GTTCGCTTAGGCGCTGCTGATCCGAGAGACGAGATGACACTACAGATTCACCTGCTT 180		
DB 685 GTTCGCTTAGGCGCTGCTGATCCGAGAGACGAGATGACACTACAGATTCACCTGCTT 744		
QY 181 GACATGAGCTGAGCTGATCA 199		

Db 745 GACAAATGCTGCTGTACA 763

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|||||
RESULT 2
US-09-954-456-1983
; Sequence 1983, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Canc
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; PRIORITY FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,840
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,863
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 2276
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1983
; LENGTH: 2015
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-954-456-1983

Query Match 40.2%; Score 100.2; DB 10; Length 2015;
Best Local Similarity 62.7%; Pred. No. 5e-23;
Matches 156; Conservative 0; Mismatches 93; Indels 0; Gaps 0;
```

```
APPLICANT: Leach, Martin D.
APPLICANT: Mehrtaban, Fued,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: US/60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 951
; LENGTH: 444
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-867-550-951

Query Match 38.6%; Score 96; DB 10; Length 444;
Best Local Similarity 100.0%; Pred. No. 9.4e-22;
Matches 96; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 349 TGGCTGTATGAGGCGCTTCTCATCCGGGAGAGCCAGACC 60

Qy 61 CCTGGAGGGGCGCTTCTCATCCGGGAGAGCCAGACC 96

Db 409 CCTGGAGGGGCGCTTCTCATCCGGGAGAGCCAGACC 444

```
RESULT 4
US-09-917-800A-1611
; Sequence 1611, Application US/09917800A
; Patent No. US20020119462A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Casale, Arthur
; APPLICANT: Elashoff, Michael
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917,800A
; PRIORITY FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/222,040
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 60/222,880
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/290,029
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,645
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: US 60/292,336
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/295,798
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/297,457
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,884
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/303,459
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 1740
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 1611
; LENGTH: 1911
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
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OTHER INFORMATION: Genbank Accession No. US20020119462A1 NM\_013185  
US-09-917-800A-1611

Query Match 35.7%; Score 89; DB 10; Length 1911;

Best Local Similarity 59.8%; Pred. No. 2,1e-19;

Matches 149; Conservative 0; Mismatches 100; Indels 0; Gaps 0;

QY 1 TGGCTGTATGAGGCGCTGACGAGGAGAAAGCAAGCACTGCTTTCTTACTCTGGAGAC 60  
DB 544 TGGTCTTCATGAGGTATCAGACGAGATCAGAGGCGCCCTCTGCTCCCGGAGAC 603  
QY 61 CCTGAGGAGGCGCTTCTCATCCGAGAGAGACAGAGAGGCTCTTACTCTGTGTA 120  
DB 604 ATGCTGGGCTCTTCATGATCCGGGAGAGTGAAGCACCAAGAGGAGCTACTCTTCT 663  
QY 121 GTCCGCTCAGCCGCCCTGATCTCTGGAGCCGATCAGACACTAAGATCCACTGCTT 180  
DB 664 GTTCGAGACTTGAACCCCGACGACAGAGAGAGGATTAATTAATCCGAGACTG 723  
QY 181 GACAAATGCTGCTGTATCATCTCAGCGGCGCTCACTTCCCTCACTCCAGCCCTGTG 240  
DB 724 GACAGTGAAGGTTCTTCACTCTCTCCGAGAGACACTTCAAGAGCTGACAGAACTTGT 783  
QY 241 GACCAATAC 249  
DB 784 GTCCACTAC 792

## RESULT 5

US-09-967-768A-300  
Sequence 300, Application US/09967768A

Patent No. US2002015087A1

GENERAL INFORMATION:

APPLICANT: Augustus, Meena

TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

FILE REFERENCE: 689290-72

CURRENT APPLICATION NUMBER: US/09/967,768A

CURRENT FILING DATE: 2001-09-28

PRIOR APPLICATION NUMBER: US/60/236,109

PRIOR FILING DATE: 2000-09-28

PRIOR APPLICATION NUMBER: US/60/236,034

PRIOR FILING DATE: 2000-09-28

PRIOR APPLICATION NUMBER: US/60/236,111

PRIOR FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 325

SOFTWARE: PatentIn version 3.0

SEQ ID NO 300

LENGTH: 2354

TYPE: DNA

ORGANISM: Homo sapiens

US-09-967-768A-300

Query Match 35.2%; Score 87.6; DB 10; Length 2354;

Best Local Similarity 61.3%; Pred. No. 6e-19;

Matches 141; Conservative 0; Mismatches 89; Indels 0; Gaps 0;

QY 20 GCAGGAGAAACAGAGAACTGCTTTTACCTGGAGAACTCCGAGAGGCGCTTCTCA 79  
DB 596 GGAAGAAAGATCAAGAGAGAGCTGTTTACAGAGGAAACCCCGAGGAGCTTTCTCA 655  
QY 80 TCCGGAGAGCCAGACAGAGAGGCTTACTCTCTGTCAAGTCCGCTCAAGCCGCTG 139  
DB 656 TTGGGAGAGAGACAGACCAAGAGTCTTCTCTTCAATCCGAGAGCTGGATCAGA 715  
QY 140 CATCTGGAGAGCCGATCAGACATCAAGATCCATGCTTGAACATGCTGGCTGTGA 199  
DB 716 CAGAGGCGATCATGTGTAAGATTACAAAGTCCGAAACTGAGATGAGGCGGCTCTCA 775  
QY 200 TCTCAGCGGCTCACCCTTCCCTCACTCAAGGCGCTGTGTGACCAATTAC 249  
DB 776 TCACCAACAGGCTTCACTTCACTCGGTGAGAGAGCTGTGACACTAC 825

## RESULT 6

US-09-867-550-1915

Sequence 1915, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: US/60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1915

LENGTH: 875

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc\_feature

LOCATION: (1)

OTHER INFORMATION: wherein n is one of a o r t o r c o r g

US-09-867-550-1915

Query Match 33.3%; Score 83; DB 10; Length 875;

Best Local Similarity 100.0%; Pred. No. 1.6e-17;

Matches 83; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 167 GGATCACTGCTTGAACAATGAGGCTGATCACTCAGCGGCGCTACCTCCCTCAC 226  
DB 2 GATCACTGCTTGAACAATGAGGCTGATCACTCAGCGGCGCTACCTCCCTCAC 61  
QY 227 TCCAGGCGCTGTGACCAATTAC 249  
DB 62 TCCAGGCGCTGTGACCAATTAC 84

## RESULT 7

US-09-954-456-499

Sequence 499, Application US/09954456

Patent No. US20020115057A1

GENERAL INFORMATION:

APPLICANT: Young, Paul

TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Car

FILE REFERENCE: 689290-76

CURRENT APPLICATION NUMBER: US/09/954,456

CURRENT FILING DATE: 2001-09-18

PRIOR APPLICATION NUMBER: US/60/233,617

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: US/60/234,052

PRIOR FILING DATE: 2000-09-20

PRIOR APPLICATION NUMBER: US/60/234,923

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235,114

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235,637

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235,638

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235,711

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,720

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,840

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,863

PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 2276  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 499  
LENGTH: 2665  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-954-456-499

Query Match  
Best Local Similarity 62.1%; Pred. No. 1.3e-16;  
Matches 154; Conservative 0; Mismatches 76; Indels 18; Gaps 1;

QY 1 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAACTGCTTTTACTTGAGAAC 60  
DB 291 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAACTGCTTTTACTTGAGAAC 350  
QY 61 CCTGAGGAGGCGCTTCTTCAATCCGAGAGCCAGAGAGGCTTTTACTTGAGAAC 120  
DB 351 AAGGTGCGCTTCTTCAATCCGAGAGCCAGAGAGGCTTTTACTTGAGAAC 410  
QY 121 GTCCGCTCAGCGCCCTGATCTGGAGCCGATCAGACCTACAGATCCAGCTT 180  
DB 411 GTGAGACACAG-----GCAAGTAAAGCACTACCCATTTTCCGCTG 452  
QY 181 GACATAGCTGCTGCTGATCTACACCGGCTTCACTTCCCTCAGCTCCAGGCTG 240  
DB 453 CCGAACAAGCTGCTGATCTACATTTCCCGAGGCTCAGCTTCCAGCTGAGAGCTG 512  
QY 241 GACCATTA 248  
DB 513 AACCACTA 520

## RESULT 8

US-10-002-600-91  
Sequence 91, Application US/10002600  
Patent No. US2002013707A1  
GENERAL INFORMATION:  
APPLICANT: Hopkins, Christopher M.  
APPLICANT: Peterson, David P.  
APPLICANT: Cooke, Benjamin G.  
APPLICANT: Hawkins, Phillip R.  
TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS  
FILE REFERENCE: PA-0042 US  
CURRENT FILING DATE: 2001-10-25  
PRIOR APPLICATION NUMBER: 60/243,521  
PRIOR FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 116  
SOFTWARE: PERL Program  
SEQ ID NO 91  
LENGTH: 3756  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Template ID: 059263.15  
US-10-002-600-91

Query Match  
Best Local Similarity 32.3%; Score 80.4; DB 12; Length 3756;  
Matches 154; Conservative 0; Mismatches 76; Indels 18; Gaps 1;

QY 1 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAACTGCTTTTACTTGAGAAC 60  
DB 1365 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAACTGCTTTTACTTGAGAAC 1424  
QY 61 CCTGAGGAGGCGCTTCTTCAATCCGAGAGCCAGAGAGGCTTTTACTTGAGAAC 120  
DB 1425 AAGGTGCGCTTCTTCAATCCGAGAGCCAGAGAGGCTTTTACTTGAGAAC 1484  
QY 121 GTCCGCTCAGCGCCCTGATCTGGAGCCGATCAGACCTACAGATCCAGCTT 180

DB 1485 GTGAGACAAAG-----GCAAGTAAAGCACTACCCATTTTCCGCTG 1526  
QY 181 GACATAGCTGCTGCTGATCTACACCGGCTTCACTTCCCTCAGCTCCAGGCTG 240  
DB 1527 CCGAACAAGCTGCTGATCTACATTTCCCGAGGCTCAGCTTCCAGCTGAGAGCTG 1586  
QY 241 GACCATTA 248  
DB 1587 AACCACTA 1594

## RESULT 9

US-09-771-161A-4  
Sequence 4, Application US/09771161A  
Patent No. US2002011081A1  
GENERAL INFORMATION:  
APPLICANT: LEVINE, et al.  
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES  
FILE REFERENCE: 802620-2005.1  
CURRENT FILING DATE: US/09/771.161A  
PRIOR APPLICATION NUMBER: 09/724,676  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 136776  
PRIOR FILING DATE: 2000-06-15  
PRIOR APPLICATION NUMBER: 135619  
PRIOR FILING DATE: 2000-04-12  
NUMBER OF SEQ ID NOS: 273  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4  
LENGTH: 2451  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: -  
LOCATION: (1)..(2451)  
OTHER INFORMATION: "n" can be any nucleotide 'a', 'c', 'g' or 't'.  
US-09-771-161A-4

Query Match  
Best Local Similarity 31.5%; Score 78.4; DB 10; Length 2451;  
Matches 149; Conservative 0; Mismatches 96; Indels 3; Gaps 1;

QY 1 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAACTGCTTTTACTTGAGAAC 60  
DB 958 TGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAGAACTGCTTTTACTTGAGAAC 1017  
QY 61 CCTGAGGAGGCGCTTCTTCAATCCGAGAGCCAGAGAGGCTTTTACTTGAGAAC 120  
DB 1018 AAGGTGCGCTTCTTCAATCCGAGAGCCAGAGAGGCTTTTACTTGAGAAC 1077  
QY 121 GTCCGCTCAGCGCCCTGATCTGGAGCCGATCAGACCTACAGATCCAGCTT 180  
DB 1078 GTGAGAG--ATGTCACCAACCAAGGAGAGCTGATCAAGCACTATAGATCCGCTG 1134  
QY 181 GACATAGCTGCTGCTGATCTACACCGGCTTCACTTCCCTCAGCTCCAGGCTG 240  
DB 1135 GATGAAGGAGGCTGATCTACATTTCCCGAGGCTCAGCTTCCAGGCTGAGG 1194  
QY 241 GACCATTA 248  
DB 1195 CAGCACTA 1202

## RESULT 10

US-09-771-161A-30  
Sequence 30, Application US/09771161A  
Patent No. US2002011081A1  
GENERAL INFORMATION:  
APPLICANT: LEVINE, et al.  
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES  
FILE REFERENCE: 802620-2005.1

Query Match	29.3%	Score 73;	DB 10;	Length 1995;
Best Local Similarity	55.8%	Pred. No. 3e-14;		
Matches 139; Conservative	0;	Mismatches 110;	Indels 0;	Gaps 0;

Query	March	23.4%	Score	58.2	DB	9	Length	486
Best Local	Similarity	57.4%	Pred	No. 1.5e-09				
Matches	105	Conservative	0	Mismatches	78	Indels	0	Gaps
								0
Qy	67	GGGGCTTCTCTCATCCGGAGAGCCAGACCCAGAGAGGCTTTCATCTCTGTGATCCGC	126					
Db	7	GGAGCTTCTCTTTTAGAGAAAGTGAACATTAAAGAGACCTTCTCTGTCTGTGACA	66					

QY 127 CTGAGCCGCCCTGCACTCTGGAGCCGATCAGACACTACAGAGATCCATGCTTGAACAT 186  
 DB 67 GACTTTGACCCCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 126  
 QY 187 GGCTGGCTGATCTATCTACCGGCGCTTCCCTCCCTCCCTCCCTCCCTCCCTCCCT 246  
 DB 127 GGGGGCTATTACATCTCTCCAGCAATCACTTTCCCTGATGAGCAATGATTAACAT 186  
 QY 247 TAC 249  
 DB 187 TAC 189

RESULT 13  
 US-09-910-943-616  
 ; Sequence 616, Application US/09910943  
 ; Patent No. US20020081610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hemmati-Brivanlou, Ali  
 ; APPLICANT: Altman, Curtis  
 ; TITLE OF INVENTION: Assays and Materials for Embryonic Gene Expression  
 ; FILE REFERENCE: 7529/1G148US1  
 ; CURRENT APPLICATION NUMBER: US/09/910,943  
 ; PRIORITY FILING DATE: 2001-07-23  
 ; NUMBER OF SEQ ID NOS: 742  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 616  
 ; LENGTH: 761  
 ; TYPE: DNA  
 ; ORGANISM: Xenopus laevis  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (1)..(761)  
 ; OTHER INFORMATION: n may be a or g or c or t/u  
 US-09-910-943-616

Query Match 18.9%; Score 47; DB 10; Length 761;  
 Best Local Similarity 53.6%; Pred. No. 6; 66-06;  
 Matches 118; Conservative 0; Mismatches 101; Indels 1; Gaps 1;

QY 29 AAGCAGAGAACTGCTGTTTACCTGGAACCTTGGAGGCGCTTCTCATCCGGAGA 88  
 DB 538 AAGCAGAGCGCTGCTGCTGAGCTTGAACCTTGGAGGCGCTTCTCATCCGGAGA 597  
 QY 89 GCCAGACAGAGAGGCTCTTACTCTCTGTCACTCCGCTCAGCGCCCTGCATCTGG 148  
 DB 598 GCGAACTACCAAGGTGCATCTGCTGTCTGTCTGATGATGATGATGATGATGATG 656  
 QY 149 ACCGATCAGACATACAGATCCATGCTGCTGATGATGATGATGATGATGATGATG 208  
 DB 657 TCAACGTGAAGCATTAAGATCCGTAATTAAGACAGTGGAGGATTTACATACGCTCG 716  
 QY 209 GCCTGACCTTCCCTCACTCCAGGCGCTGATGATGATGATGATGATGATGATG 248  
 DB 717 AACTCAGTTNACAGCCCTGCAGCAACTTTGTGCGCTACTA 756

RESULT 14  
 US-09-986-480-127/c  
 ; Sequence 127, Application US/09986480  
 ; Publication No. US2003002799A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: 143 Human Secreted Proteins  
 ; FILE REFERENCE: P5500P1  
 ; CURRENT APPLICATION NUMBER: US/09/986,480  
 ; PRIORITY FILING DATE: 2001-11-08  
 ; PRIOR APPLICATION NUMBER: PCT/US00/12788  
 ; PRIOR FILING DATE: 2000-05-11  
 ; PRIOR APPLICATION NUMBER: US 60/134,068  
 ; PRIOR FILING DATE: 1999-05-13  
 ; NUMBER OF SEQ ID NOS: 456

; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 127  
 ; LENGTH: 920  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-986-480-127

Query Match 14.2%; Score 35.4; DB 9; Length 920;  
 Best Local Similarity 48.3%; Pred. No. 0.038;  
 Matches 99; Conservative 0; Mismatches 106; Indels 0; Gaps 0;

QY 38 AACTGCTGTTGTTACTGGAACCTTGGAGGCGCTTCTCATCCGGAGACCCAGCA 97  
 DB 342 ATCTGAGTGTCTTCTCAAGTCAAGTCTCAAGGCGCTTCTCCCGGGAGAGCTGCTCA 283  
 QY 98 GAGAGGCTCTTACTCTCTGTCACTCCGCTCAGCGCGCTGATCTGGAGCGGATCA 157  
 DB 282 CACCACCTTCCACTTCTGCACTGCTGCTGCAAGAGGCTTCCAGGCAATGATCT 223  
 QY 158 GACACTACAGAGATCCAGCGCTTGAATGCTGCTGATCTATCTACCGGCTTCACT 217  
 DB 222 GTGACACAGAGAGCAGCCAGCTTGTGATGATGATGATGATGATGATGATGATG 163  
 QY 218 TCCCTCACTCCAGCGCTGATGATGATGATGATGATGATGATGATGATGATG 242  
 DB 162 GCCCATCTGCTGATCTCCCAAGCA 138

RESULT 15  
 US-09-977-260-5  
 ; Sequence 5, Application US/09977260  
 ; Publication No. US20020192790A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ULLRICH, AXEL  
 ; APPLICANT: GISHIZKY, MIKHAEL  
 ; APPLICANT: SURES, IRMINGARD  
 ; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
 ; FILE REFERENCE: 038602/1260  
 ; CURRENT APPLICATION NUMBER: US/09/977,260  
 ; PRIORITY FILING DATE: 2001-10-16  
 ; PRIOR APPLICATION NUMBER: 08/232,545  
 ; PRIOR FILING DATE: 1994-04-22  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 5  
 ; LENGTH: 2770  
 ; TYPE: DNA  
 ; ORGANISM: Unknown Organism  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (366)..(1880)  
 ; OTHER INFORMATION: Description of Unknown Organism: Megakaryocyte  
 US-09-977-260-5

Query Match 13.7%; Score 34; DB 9; Length 2770;  
 Best Local Similarity 54.9%; Pred. No. 0.12;  
 Matches 67; Conservative 0; Mismatches 55; Indels 0; Gaps 0;

QY 1 TGCTGTATGAGGCGCTGAGAGGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 60  
 DB 711 TGCTGTATGAG 770  
 QY 61 CTTGAGAGGCGCTTCTCATCTCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120  
 DB 771 AAGACCGGCTTCTTCAATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 830  
 QY 121 GT 122  
 DB 831 GT 832

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Search Completed: March 30, 2003, 16:31:13  
Job time : 31.5808 secs

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